

ABSTRACT OF THE DISCLOSURE

In a linear guide for transmitting a torque between a tubular housing, rotatable about a longitudinal axis, and a shaft, received in the housing and movable in the direction of the axis in relation to the housing, a plurality of axial rolling bearings are received in the housing in surrounding relationship to the shaft. The axial rolling bearings are disposed in two radial planes in axial spaced-apart relationship, wherein the axial rolling bearings in each of the two radial planes have each two bearing members and a set of rolling bodies disposed between the bearing members. One bearing member is constructed as bushing retained in the housing and defining a center axis which is shifted parallel at an offset to a normal upon a longitudinal shaft axis, while the other bearing member has a cup-shaped configuration to define a convex surface for support by a surface area of the shaft.